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PATENT  
Attorney Docket No. 1451-0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Jeffrey Arnold

Serial No.: 10/623,433

Filed: July 18, 2003

Examiner:

Art Unit: 2644

For: ELECTRONIC SIGNAL PROCESSOR

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

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P.O. Box 1450  
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DATE: December 21, 2004

NAME: Debra A. Howe

SIGNATURE: *Debra A. Howe*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.97, as revised on February 4, 1992, 1135 OG 23-24, Applicants hereby call the Examiner's attention to documents listed on the attached form, which documents may be material to the examination of this application.

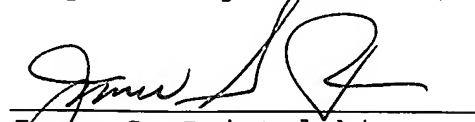
No inference should be drawn that any apparatus disclosed is equivalent to the subject invention. Also, the citation of the above-discussed documents is not to be construed as an assertion that more pertinent art could not possibly be in existence. Citation of any document herein is not to be construed as an admission that any subject matter disclosed in

the document is necessarily within the inventive field of endeavor, that any disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that any disclosure is otherwise necessarily prior art with respect to the instant invention.

Applicants also respectfully reserve the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosure of those documents discussed herein, that may be cited by the Examiner in rejecting a claim in the present patent application.

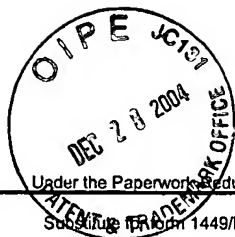
This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fee under 37 CFR 1.97(c) is required. If it is determined that a fee is required for this Information Disclosure Statement, please charge our Deposit Account No. 50/1039.

Respectfully submitted,



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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

### Complete if Known

Application Number	10/623,433
Filing Date	July 18, 2003
First Named Inventor	Jeffrey Arnold
Art Unit	2644
Examiner Name	
Attorney Docket Number	1451-0001

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 3,548,323	12/15/1970	Gordon, et al.	
	2	US- 4,119,922	10/10/1978	Schroder	
	3	US- 4,479,250	10/23/1984	Flood	
	4	US- 4,584,700	04/22/1986	Scholz	
	5	US- 4,701,957	10/20/1987	Smith	
	6	US- 4,995,084	02/19/1991	Pritchard	
	7	US- 5,032,796	07/16/1991	Tiers, et al.	
	8	US- 5,124,668	07/23/1992	Christian	
	9	US- 5,131,044	07/14/1992	Brown, Sr., et al.	
	10	US- 5,201,009	04/06/1993	Yamada, et al.	
	11	US- 5,509,080	04/16/1996	Roberts	
	12	US- 5,537,079	07/16/1996	Gosser, et al.	
	13	US- 5,574,792	11/12/1996	Konno	
	14	US- 5,619,578	04/08/1997	Sondermeyer, et al.	
	15	US- 5,649,015	07/15/1997	Paddock, et al.	
		US-			
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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